

Official Undergraduate  
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of Technology



A Record of  
Continuous News Service  
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Over Fifty Years

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Price Five Cents

## BERT LOWN'S BAND NAMED FOR JUNIOR PROM NEXT MONTH

Sign-ups Will Begin Monday in  
Main Lobby; Price  
Set at \$8

### PROGRAM IS REVISED

Bert Lown's orchestra, formerly of the Hotel Biltmore of New York has been chosen for the Junior Prom, the program for which has been completely revised. There will be no dinner on the evening of the prom, the revised program showing that dancing at 10:30 will open the prom activities. The complete program calls for the grand march at 12 midnight, supper at 12:30, and dancing continuing until 4 A. M.

Sign-ups, which will start next Monday, will be held all next week in the Main Lobby from 9 to 10 and from 12 to 2 o'clock daily. The sign-up fee will be \$3, with redemptions due early in March. The price of the Prom which will remain at \$8 as previously planned, has been accepted by the budget committee according to Edward L. Asch, '34, chairman of the Junior Prom Committee.

The corporation tea dance which was formerly a custom on Junior week, will again be held on Saturday following the prom. However, no definite plans have been made to include the Tech Show in the prom activities.

## CLARK GAME TO BE FOLLOWED BY DANCE

The Beaver Key Society will hold a dance in Walker Memorial following the basketball game with Clark on Saturday night. This is the final Beaver Key Dance of the basketball season.

The Tectonians will furnish the music for the affair. This dance is coming as a sequel to the Dorm Dinner Dance being held tonight. Beginning at nine o'clock, the dance will last until midnight. The price of admission is seventy-five cents per couple and will include both the game and the dance.

## THE TECH Changes Dates of Publication of Issues

THE TECH wishes to announce a change in publication dates. Until further notice THE TECH will appear on Tuesday and Friday of each week. In order to compensate those holding subscriptions for the issues which they will thereby miss, arrangements are being made to reimburse them in proportion to the number of issues omitted.

## STAFF POSITIONS OPEN TO FRESHMEN

### THE TECH Begins Competition For New Men in All Departments

As a means of filling positions made vacant by recent elections and promotions, THE TECH will hold a freshman competition this term for positions leading to the Junior Board and associated offices next year.

Long recognized as one of the leading campus activities, the paper offers positions in its news, editorial, photographic, and business departments, to all first year men.

The work is flexible and can be geared to fit the amount of time which is available to any particular individual. To facilitate ease in writing, an optional course in Journalism may be substituted for the regular freshman English course by men who become candidates for the reportorial staff.

The value of extra-curricular activities of a managerial or editorial nature has long been recognized by officials of the Institute, and participation in student activities has been encouraged by Institute officials. A recent survey, conducted by the Department of Business Administration brought out the fact that there is a definite correlation between such participation and higher salary ranges in later life.

Many companies hiring college trained men are very much interested

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## PROF. E. R. SCHWARZ ELECTED BRITISH INSTITUTE FELLOW

Was Honored For Contributions  
In Field of Textile  
Technology

### STARTED MICROSCOPY LAB

Election of Professor Edward R. Schwarz, of the department of mechanical engineering, to a fellowship in the British Textile Institute was announced today. This honor comes to Professor Schwarz in recognition of his notable contributions in the field of textile technology and research.

In granting this distinguished fellowship, the British Institute took cognizance not only of Professor Schwarz's independent studies, but also of his standing as a graduate of Technology and a member of its faculty. Recognition was also made of the numerous papers contributed by him to textile publications, and specifically, of an article recently accepted by the Journal of the Textile Institute on the micro-analysis of yarn structure.

A charter member of the United States Institute for Textile Research under the presidency of the late Dr. Samuel W. Stratton, Professor Schwarz is at present chairman of that organization's committee on bibliography and abstracts, as well as chairman of its board of editors. In the latter capacity, he supervised preparation of "Textile Research—A Survey of Progress", the first volume published by the Technology Press.

He is also director of editorial policies for "Textile Research", monthly publication of the Institute for Textile Research, and is a member of the Advisory Committee of the Textile Foundation, of which Dr. Karl T. Compton, president of Technology, is chairman.

Under Professor Schwarz's personal direction, Technology has developed since 1925 one of the best equipped textile microscopy laboratories in this country, and possibly in the world. This laboratory was initially devoted to acquiring proper equipment and technique for textile study, but emphasis is now being placed on applying these to both fundamental and practical research.

Co-ordinated with the work of the textile testing and microscopy laboratories at the Institute are the studies being carried out in the department of biology and public health on the effects of bacteria and molds on textile fibres. The department of physics has also made important contributions in the field of optics and color measurements, and in fibre analysis by means of x-rays, while the department of chemistry is conducting research in colloids, dye structures, and the application of polarized light.

## Beaver Runners in Boston A. A. Meet Tomorrow

One-Mile Relay Team Opposes  
Dartmouth; Bell Enters 50-  
Yard Dash

Encouraged greatly by the work of his team in the K. of C. meet and in the Millrose Games during the recent vacation period, Coach Oscar Hedlund expects the indoor track men to make their best showing so far this year in the Forty-Fourth Annual Meet of the Boston A. A. which is to be held at the Garden tomorrow night. The varsity relay teams are entered,

(Continued on page three)

## Exams Leave Vacancies In Tech Show Chorus

With the announcement by Paul Lappe, general manager of Tech Show, that several freshmen members of the cast and chorus have been rendered hors de combat by the faculty, following the disastrous effect of mid-years, a call is sent out for the more fortunate to fill the now vacant positions. Both major and minor parts are available and may be applied for by reporting to the East Lounge of the Walker Memorial at 5 o'clock on Monday afternoon or at 7:30 on Tuesday. Vacancies on the managing staff, in particular the role of assistant dramatic coach, are waiting to be filled by ambitious individuals.

## SOPHOMORE HOP'S CABARET SETTING MEETS APPROVAL

Leo Hannon's Broadway Bellhops to Play Newest Music  
for Dancing

### PROM GIRL KEPT SECRET

Under the direction of an inspired dance committee, the Sophomore Hop on the eve of Washington's Birthday bids fair to be one of the most successful dances of the Class of 1935, a class which already has an enviable reputation for successful dances. Walker Memorial will be transformed into a cabaret for the night with all the appropriate settings, even to the cigarette girl. Leo Hannon and his Broadway Bellhops will provide the latest, popular music for the dancing.

**Prom Girl's Name Kept Secret**  
Although the committee has refused to divulge the name of the Prom Girl, it was learned last night from authoritative sources that she will be the star of one of the shows appearing in Boston during the week of the Hop, an actress who has secured national prominence for her beauty and acting while in the films.

Admission to "Club Walker" will be nominal, \$1.75 per couple if tickets are bought in advance of the night of the dance, and \$2.00 if bought at the door. All those desiring to attend are urged to purchase their tickets now, not only that they may

(Continued on page four)

## TECH-IN-TURKEY IS ABANDONED BY TCA

Many Departments Curtailed to  
Lower Undersubscribed  
Budget

At a regular meeting of the Advisory Board of the TCA on January 30, approval was voted on the December 10th action of the Cabinet that the "Tech-in-Turkey" project be permanently abolished. Each year since 1928 the TCA has sent a representative to Robert College, in Constantinople, to teach in the Physics department and introduce American customs. Last year a representative was not sent because officials felt that any cut in the budget could best be made along that line, and since the contributions fell far short of the budget this year it was decided to discontinue the project.

Present at the meeting were Messrs. Ziegler, Ford, Hamilton, Locke, Ryan, Ross, and Aborn. Treasurer Ford gave a financial statement

(Continued on page three)

## PAUL TREMAINE TO FURNISH MUSIC AT DORMITORY DANCE

Open House To Be Observed In  
Dormitories Tonight From  
Six to Eleven

### DANCE TO LAST UNTIL 3

Paul Tremaine and his band has been elected to furnish the music for the third annual Dorm Dinner Dance being held in the Walker Memorial tonight. Professor Robert E. Rogers, who is toastmaster of the function will introduce the speaker of the evening, Professor Angelo De Lucca, following the dinner. Many prominent members of the Corporation and the faculty and a large group of well-known Alumni are among the guests.

The novel decorations and the long and enjoyable program are among the features of the dance. Arches of twining ivy will extend between the columns, and the railing of the balcony also will be decorated with the ivy streamers. Through the approval of the Dormitory Board, open house will be held from 6 to 11 o'clock in the Dorms, and the Burton Lounge will be open until 4 o'clock.

The orchestra playing tonight has been prominent in New York and with the Columbia Broadcasting System, having played at the Lonely Acres on upper Broadway and at the Bohemian Restaurant. Next Friday night they will play for the Boston College Prom at the Hotel Statler.

Starting about 7 o'clock, the dinner will last until 9, during which time Fred Feustel, '35, will give the address of welcome of the evening and then the speakers will be introduced. A formal reception will then be held in the trophy room of the Walker Memorial to be followed by an inspection of the Dormitories by the guests.

The dance will start at 10 o'clock and an intermission for refreshments will come at 12:30, in the North Hall. Dancing will then be resumed until 3 o'clock.

Reservations for tables can be made today until 2 o'clock. Although the admission price last year was \$4.00, it has been reduced to \$3.50 for dorm men while outsiders will be charged \$4.50.

## Parts Still Open for "Ten Nights in a Barroom"

Final Cast for April Dramashop  
Production Not Yet  
Selected

An additional tryout for parts in the April Dramashop production was announced recently by Robert A. A. Hentschel, General Manager. The play, which will be the famous melodrama "Ten Nights in a Barroom", is to be presented before the student body on the nights of April 6, 7, and 8.

### Cast Not Picked

As the final selection of the cast has not yet been made there is still an opportunity to compete for parts. The cast of characters calls for seven men and four women, as follows:

Joe Morgan, a drunkard, who deserts his wife and child for the pleasure of the wine cup. Sammie Swichell, a simple "hick", who, although also a victim of drink, is possessed of a strong right arm. Mr. Romaine, a harmless teetotaling philanthropist. Harvey Green, a typical '90's slicker, gambler, and villain. Frank Slade, a shining example of the model son. Willie Hammond, idolized

(Continued on page four)

## Institute Conducts Research on Small Model of Cape Cod Canal

Reynolds, Drisko Study Tides  
In Preparation For  
New Lock

Tides of the Atlantic Ocean have been brought into a laboratory of the Institute, where they now ebb and flow at the will of engineers for study of their behavior in a model of the Cape Cod Canal. The object of this research, now in progress in the River Hydraulic Laboratory under Professor Kenneth C. Reynolds and John B. Drisko, who is an instructor and a member of the research staff, is to determine the effect of a proposed lock to stop the swift tidal currents which now make navigation in the waterway difficult.

Some idea of the complex problems presented in this investigation is indicated in the fact that the average rise and fall of the tide in Cape Cod Bay, sea level waterway, is five feet greater than in Buzzards Bay. There is also a tide time difference of three hours between the bays. As a result, the tide in Buzzards Bay is rising while the sea is still falling in Cape Cod Bay, and the tide in Buzzards Bay begins to ebb several hours before high water at the opposite end of the canal.

Levels at Ends of Canal are not Equal  
Under extraordinary conditions of

flood tide driven by high winds, maximum differences in level of nine feet between the bays may occur. At high tide in Cape Cod Bay the water is rushing southward to the lower level in Buzzards Bay. Six hours later the current reverses and flows swiftly northward. The maximum velocity of these currents under ordinary conditions is more than three miles an hour, while during storms the velocity may reach nearly five miles an hour.

These currents greatly complicate navigation in the canal, making it difficult to control vessels and causing long delays. Many captains of large ships avoid the canal because of the risk of being driven ashore. Under plans recently completed, the canal, now owned by the government, will be widened to 250 feet and dredged to a maximum depth of 30 feet. A lock to control the tidal currents is expected to make the waterway safe for all vessels.

In the miniature scale model in the River Hydraulic Laboratory at the Institute, the operation of the canal under control of a lock is expected to be accurately determined in advance. This undertaking represents the most advanced practice in modern hydraulic research in which problems are studied in miniature and the results trans-

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Official News  
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of M. I. T.

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### DORM DINNER DANCE

AS guest speaker at the Dormitory dinner and dance, the Committee has secured Professor Angelo de Lucca. The Professor is visiting the country as a traveling speaker from the University of Bologna. We are sure his sober enunciations will find fertile ground and his words will be well received by the engineers and their guests. Professor Robert E. Rogers is acting as toastmaster.

The Dance Committee under the leadership of Joseph Wetherell, '33, has been working hard to make the affair rival the Junior Prom. For the past two years the Dormitory function has been growing in importance, and this year promises to surpass the others. There are twenty some tickets still available and it is an opportunity that dormitory men should not miss. It is attendance at functions such as this which increases the value of college life.

### CARRYING ON

THE TECH, after fifty-two years of continuous service, has become an institution. Personalities have come and gone but the traditions and policies of the paper have remained substantially the same. In looking over the last volume we feel that our predecessors have passed along to the younger men, through example, the ideals of the newspaper. As the new volume begins its work, we will endeavor to keep sacred the old traditions.

It has been our policy to support all undergraduate activities and sports, and to co-operate with them in every possible way. This will continue. We shall endeavor to give the latest and most complete news service. It should be realized that under the pressure of engineering studies, the staff works under a serious handicap.

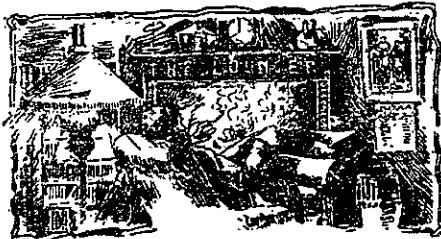
Our editorial keynote will be frankness. We shall not be evasive nor shall we purposely be antagonistic. All questions will be considered fairly; student welfare will be kept continually in mind. Majority opinion will be carefully sought and reflected through the columns. Our attitude will be one of absolute impartiality in all matters.

Through the "Open Forum" columns it is hoped that the readers will avail themselves of the opportunity of expressing opinions on any subject. We realize that such a contribution by those outside the staff is of real interest to our readers. We do not endorse the ideas contained in the letters, but submit them for student consideration. Through the column moreover, the leaders of student activities can watch the development of student thought.

In short, it is the aim of Volume LIII to serve Technology, and with that in mind we begin the year.

### ACTIVITIES AND FRESHMEN

FIRST year men, who have not yet become connected with a campus activity and whose school work has been satisfactory during the first term, will be interested in the freshman competition which THE TECH has just announced. The long recognized value, after graduation, of extra-curricular work in college, becomes more apparent as the depression continues. The enjoyment and relaxation afforded while in school, can be attested by any undergraduate who is now engaged in such activities.



Rarely do we open these weekly maunderings with a panegyric, but the time has come, it is felt, when a few words in support of the coming administration, would not be amiss.

Do not be misled by the word "administration". By this we signify nothing so trivial as those heralds of progress and that elusive corner-hiding ideal called prosperity, who are now moving into the nation's capitol, but rather the guiding lights and blame takers of the new issue of THE TECH.

Consider, gentlemen. For three years these worthies have toiled from obscurity on the staff of this publication to the positions they now hold. Henceforth will the editorials echo with their sage utterances, and the scathing comment of the Institute (through their God-given mouthpiece, the Institute committee,) descend on their broad shoulders. Henceforth will the world gaze in awe on their typographical errors and rhetorical mistakes, murmuring the while, "Tsk, Tsk, Tsk."

And it is only with minor fanfarings and lesser pomp that they assume their responsibilities. Meanwhile you and yours take up the lesser loads and lighter cares of the Institute and will see to it that the denunciations pour forth with accustomed frequency. And so, when bitter criticism rises unchecked to your sarcastic lips, remember that these, too, are lads like yourselves, with feelings to be hurt by a cruel world, and spare the axe, even though it spoil the fun, remembering all the while that you probably could have done a much better job of it, you liars.

In case you have wondered at the late irateness of the elevator attendant, we must put the blame in all fairness, on Dave Smith, that devilish wag.

Dave caused it all by hanging a little notice in the elevator, which read, "Gentlemen will please not remove hats in this elevator." Apparently Dave assumes that either no ladies or no gentlemen are accustomed to riding in the pesky thing, which is a moot question open only to higher authorities.

Apparently, however, his subtle little prank had quite a disturbing effect on the equanimity of the operator, as we have before observed, which perhaps may explain why this conveyance went skittering from floor to floor, today, with such unaccustomed vigor, that we, for once, started at the basement at a quarter of the hour and arrived on the fourth floor in time for a class.

In connection with the nation's administration, which we have glibly referred to only a few short paragraphs ago, we are given to marveling at the performance of the august Senators these past few weeks.

To us, poor puerile collegians that we are, there is something mightily incongruous (no pun, please) in the spectacle of this body using precious days of a critical and all too short session, in defending what might be vaguely called "its honor."

The fact that a statement by its own Sergeant-at-arms to the effect that few Senators accepted money for their votes, should send the so-called solons of our fair nation into violent hysterics is itself a form of incrimination. The more so, when it is so well known that all of them indulge in the exchange of these selfsame commodities in return for something just as filthy as all the lucre in the National Treasury, to wit, the favors of the lobbyists and the political advantages afforded by the co-operation of other honorable gentlemen of that same body.

As a matter of fact, the whole show of these mighty men of affairs, whom Stanley Walker in the Vanity Fair,

## Open Forum

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication of any communication nor does it necessarily endorse the opinions expressed. Letters on subjects of interest to the student body are welcome if signed. However, if the writer so desires, only the initials will appear on publication.

To the Editor of the Tech:

In the editorial columns of the January 9th issue, there appeared an article in which the wisdom of our athletic policy was questioned.

Although Crew was not mentioned, believe it is the outstanding example of a sport which is doing its share to cause M. I. T. to receive unfavorable publicity. Technology crews rarely give ANY opponent a good race. By "good race" I mean losing by a few feet, as was the case in all of the Olympic crew tryouts at Worcester last year.

Most of the time our crews lose by many lengths, and in many cases have been so far out of the race as to present the embarrassing spectacle of a Technology crew holding up a line of coaching launches, while crews battled for places far ahead.

To quote from your editorial—"to lose continually is not only ruinous to the morale of the teams, but it makes athletics at Technology lose prestige."

Year after year as we are administered a sound beating by the same teams, there arises on the one hand a sense of futility and on the other contempt.

Something should be done about the crew situation, since it is growing worse every year. What is the trouble? Is our equipment poor? Is the coaching bad? Are our Crew men poor material?

A little intelligent discussion may help.

Very truly yours,  
Myrle M. Perkins, '31

To the Editor of the Tech:

There seems to be some misapprehension as to the reason for Tech Show's not putting on a performance for the Junior Prom. Consequently I should like to make clear the attitude of the Show management.

We have long ago offered to produce Tech Show on the evening of the Junior Prom because we sincerely believe the tradition of a Tech Show on that night to be well-founded and well worth continuance. Especially this year with the Show's admission set at but one dollar and consequently offering an inexpensive source of additional amusement to Prom couples do we advocate its production on Prom night.

has called, "... as pompous, bombastic and time serving a set of ornaments as may be gathered conveniently in one chamber." reminds us of nothing so much as a maiden of minor deterioration who flies into an insensate rage because the New York Public Library lions do not rise in primeval salute at her passage.



## Copley-Plaza

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To all this, the Prom Committee has answered, "Yes, but Walker Memorial has been allotted to the Junior Prom on March 17 and we feel it would be inconvenient to us to have Tech Show produced at that time. 'The Show's offer to put on a performance for Prom couples exclusively, as well as numerous other concessions have met with stubborn refusal on the part of the Prom Committee."

It would seem to me that the Prom Committee is taking unreasonable advantage of its prior claim to Walker Memorial, and in doing so injuring not only the interests of another activity—but its own as well.

Very sincerely yours,  
Paul Lappe,  
General Manager of the Tech Show

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## Basketball Team Expected to Win Tomorrow Night

Game in Hangar Against Clark Engineers; Undefeated in Five Games

Technology's strong basketball team, undefeated in its last five starts, faces Clark University Saturday night in the Hangar Gym in what should be an easy victory for the Engineers. The team has been strengthened for the contest by the addition to the squad of G. Kingman Crosby, '34, who has been playing center for Runkle in the dormitory league, and who was hampered by injuries at the start of the season.

Coach McCarthy is expecting to start Gene O'Brien and co-captain Fred Feustel as forwards, Pat Amenta and Co-captain Adam Sysko as guards, and probably Bob McIver as center, but with such excellent men on the side-lines as he has, there will be plenty of substitution, especially since Clark is not as strong as the teams recently faced.

### Crosby Welcome Addition

Crosby is a welcome addition to the team at this time because Coach McCarthy has been having plenty of trouble with the center position. Crosby is well over six feet tall, is a good jumper, can shoot well and has had plenty of experience on his freshman team, the varsity of last year, and with the dormitory teams, of which he was one of the high scorers.

On the same evening the freshman team, which recently defeated Tabor Academy, will travel to South Byfield to face a strong Governor Dummer quintet. Last year the prep school boys easily emerged winners.

## TECH-IN-TURKEY IS ABANDONED BY TCA

(Continued from page one)

for the four months beginning October 1st, showing disbursements of approximately \$4,000, contributions of \$1,800, and a \$300 payment on the Tech Cabin principle by the Undergraduate Association. It was suggested and approved that the Room Registry be done away with officially, and that any activity along that line should be handled by the information department. The service was originally started to supplement the dormitories, because there were accommodations for only 169 students in the faculty group. Now that there are more rooms available than are being filled the service will be subordinated, and a list will be kept only of rooms which are advertised at the TCA. The rooms will not be inspected by the TCA, as has been done in the past, due to the new change. In the future course notes will not be handled by the Book Exchange department of the TCA, since they may be obtained at the dormitory office and at various other places.

Mr. Ford and Mr. Ross comprised a committee which approached the anonymous donor of the rent for the Student House as to his plans for the future. The Student House, at 159 Bay State Road, is a co-operative community, in which the students themselves do the housework, thus considerably lowering the cost of living. The donor told the committee that he would make the house available for at least two more years.

The Tech Cabin has been in almost continuous use during the holiday period, and contributions of \$30 each have been received from various organizations which have visited the resort. After the Cabin was built two years and four months a break occurred, and now two months later a second one has taken place. At the first one in December the two fire extinguishers disappeared and at the one two weeks ago the silver, together with the medical equipment and 2½ gallons of oil were taken. All this equipment has been replaced by the TCA, and a recommendation that the premises be insured has been made, but insurance will probably not be taken out due to the high premiums.

## TECH RUNNERS IN BOSTON A. A. MEET

(Continued from page one)

as are several competitors in the individual events.

Foremost among the Technology entries will be Captain Dick Bell, who performed so creditably in the past two meets. He won the 50-yard dash at the K. of C. meet two weeks ago in the near-record time of 5-2-5 seconds. Then last week, in the Millrose games at New York, Bell qualified for the semi-finals in the dash, only to be nosed out by Emmett Toppino, world's record-holder at the distance. Both Toppino and Frank Wykoff, the man who holds the world record for the hundred with a mark of 9-2-5 seconds, will be competing against Bell tomorrow night, so that his opposition will be of the sternest calibre. The race is a 50-yard dash, with the Frank H. Briggs Indoor Trophy at stake. Bell won the outdoor Briggs Trophy last spring in the New England Intercollegiate at Providence.

### Freshman Entered in High Jump

Ed Pierce and George Ray are entered in the high jump. Ray, a freshman, distinguished himself in the K. of C. meet by clearing 5 feet 11 inches, although he did not place. Nat Green and Gordon Donnan, both of whom have been showing marked improvement, are to compete in the pole vault, while Stanley Johnson of the freshmen will represent the Engineers in the hurdles.

After suffering two close defeats, the varsity one-mile relay combination will seek its first victory tomorrow night against Dartmouth. There were two teams entered in the K. of C. meet, with the first-stringers being nosed out by Yale after leading most of the way. At New York the following week, the team turned in a 3:28 2-5 mile, but was beaten by Syracuse. Coach Hedlund has predicted an extremely close race for tomorrow evening. Rudy Rosas, Dick Jarrell, Rees Schwarz, and Walter Wrigley, all of whom ran at the Millrose games, are slated to comprise the team.

### Two-Mile Team in Hard Race

The varsity two-mile relay team is entered in a race against Boston College, Bates, Harvard, Holy Cross, Northeastern, and Tufts. The first three teams are reputed to be very good, so that the Engineer runners will have their hands full. Ed Walsh, Johnny Barrett, Mel Sousa, and Bob Mann are the probable starters. The freshman relay team will not compete tomorrow evening because of the lack of time for them to get into condition.

To morrow afternoon several Technology men are entered in the New England A. A. U. Indoor Championships at the Arena. Dick Bell and Bill Ball of the varsity, and Runkel, Svenson, Johnson, Brown, and Beckman of the yearlings will compete in

## SENIOR NOMINATIONS DUE ON FEBRUARY 11

Marshals and Committeemen Will Be Elected

Senior nominations for Class Day Marshals and Senior Week Committeemen must be handed in any time from 9:00 to 1:00 o'clock on Saturday, February 11. The nomination forms must carry the signatures of 25 Seniors in order to nominate a man for the position of Class Day Marshal, and five Senior signatures to nominate one as a member of the Senior Week Committee.

The nomination form as given in the Constitution of the Undergraduate Association is:

"We, the undersigned members of the Class of.....do hereby nominate.....for.....of our class."

(Sponsors' signatures.)

"I hereby accept the nomination."

(Signature of nominee.)

The elections will take place in the Main Lobby on Wednesday, February 15, from 9:00 to 5:00 o'clock when three Marshals and the 25 members of the Senior Week Committee will be chosen.

The Senior Week Committee runs the final events of the Senior's social career such as the picnic and dance. Only members of the Class of 1933 may vote in this election.

the 40-meter dash. Blair, Hazen and Muther will start in the 600-meters and Stewart in the 1000-meters. Bell is defending champion in the dash.

### Freshman Meet This Afternoon

This afternoon at three o'clock the freshman team has its first dual meet of the season, facing Dean Academy on the Technology track. The events scheduled are the 60-yard dash, 60-yard low hurdles, 300-yard dash, 600-yard run, 1000-yard run, high jump, broad jump, shotput, and pole vault. A victory for the first-year runners is predicted.

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## MEETING OF CREW CANDIDATES MON.

There will be a meeting Monday afternoon at the boat house at 5:15 P. M. of all those intending to do any rowing this spring. Bill Haines will be there and will talk to those who come. He is extremely desirous of meeting candidates for positions on any of the crews and would like as large a representation as can possibly be present.

There has recently been installed at the Boat House a foot bath for the prevention of the spreading of foot irritations caused by germs. This consists of a strong antiseptic solution into which one steps as he enters and leaves the shower and which is destructive to the bacteria and germs which cause the irritations.

## INSTITUTE CONDUCTS CANAL RESEARCH

(Continued from page one)

ferred to the full natural size.

The Cape Cod Canal is a one-way waterway 100 feet wide and 25 feet deep, with a total land length of approximately seven and one-half miles between Cape Cod Bay and Buzzards Bay. The laboratory model of the canal was built to a scale of approximately five and one-half feet to one mile, with a length of 41½ feet.

In this work, time as well as physical proportions has been reduced. As a result, the complete cycle of the rise

and fall of the tide, which in nature requires approximately 12 hours, may be reproduced in miniature scale within a few minutes. The study, which will include innumerable observations under varying conditions, is expected to require several months.

## STAFF POSITIONS OPEN TO FRESHMEN

(Continued from page one)

to know the amount of participation in extra-curricular activities by candidates, especially in the field of publications.

The many and varied positions offered to freshmen by THE TECH make it possible for men to find work for which they are best fitted and which interests them most. Staff banquets and other such gatherings are held frequently throughout the term, thus enhancing the students' social opportunities.

Men who are interested in finding out more about THE TECH are invited to drop in at the office in the basement of Walker Memorial any afternoon and talk things over with the men in charge of the various departments. No experience is necessary, and the amount of time required is wholly dependent on the candidate himself.

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## EDGEWORTH SMOKING TOBACCO

## CALENDAR

**Friday, February 10**  
 5:00 P. M.—American Society of Refrigeration Engineers, Dinner, Faculty Dining Room.  
 7:00 P. M.—Dormitory Dance, Main Hall.

**Saturday, February 11**  
 3:00 P. M.—Boxing Meet, Hangar Gym.  
 7:00 P. M.—Basketball, Hangar Gym.  
 9:00 P. M.—Beaver Key Dance, Main Hall.

**Monday, February 13**  
 5:00 P. M.—Dormitory Dinner Club, Dinner, Grill Room.  
 6:00 P. M.—Arlington Schoolmasters, Dinner, Faculty Dining Room.

**Tuesday, February 14**  
 5:00 P. M.—Banjo Club Rehearsal, East Lounge.

### PARTS OPEN IN DRAMASHOP PLAY

(Continued from page one)  
 young man of leisure. Mrs. Morgan, long suffering wife of the town drunkard. Mary Morgan, her father's guiding light, who dares the vice of the barroom to help her father home. Mable Cartwright, country girl, who dreams constantly of a knight who will some day carry her away on his charger. Simon Slade, good-natured landlord, and bartender, who becomes involved on account of his disagreeable habit of throwing whiskey bottles at Joe Morgan.

"Evils of Drink" Type  
 "Ten Nights in a Barroom" is a play typical of the age when Carrie

Nation waged her swinging door war with a hatchet. In it we see the evils of a bibulous life in their true light. Joe Morgan, in his delirium tremens scene, writhes in the firm grip of green snakes before his horrified wife and child.

Little Mary, in a pathetic scene outside the swinging doors of the barroom, musically pleads "Father, dear father, come home with me now." Her sweet little life is suddenly cut short by a whiskey bottle thrown by Simon Slade in a violent rage.

Parts in Room 2-176  
 The part of the deep-dyed villain is that of Harvey Green, flashy, loud-mouthed gambler of the sort that pre-prohibition audiences hissed and booed with the vim and vigor of righteous-

### SOPH HOP'S CABARET SETTING IS APPROVED

(Continued from page one)  
 effect the obvious savings, but also that they may reserve a desirable table. Guests will be able to purchase refreshments from waiters, who will hover around the tables all evening, for reasonable prices. This has been assured by Mr. William Carlye, assistant manager of the dining rooms in Walker Memorial, who will superintend this angle of the dance.

**Formal Attire Required**  
 As in all night clubs, only guests attired in formal evening clothes will be permitted to enter. This feature of the dance has been heartily welcomed by the sophomores, for all their other class dances have been informal. Dame Rumor has it that a very pleasant surprise in the way of entertainment will greet those attending. So far the committee has been tight-lipped. Sophomores are wondering.

Leo Hannon's orchestra which has

ness and the white ribbon.  
 Parts for the tryout, which will be held tonight at five o'clock in Room 2-178, may be obtained in Room 2-176 all day today. Complete copies of the play may also be viewed at this time. Previous acting experience is not required.

been featured at many functions in New England colleges and over the radio will present its variety of tunes from 9:30 till 2:30 o'clock.

Attracted by the many novel features of the dance, not the least of which is the type of refreshments, which include ginger-ale and cracked ice, it is expected that the full quota of 250 couples will attend. Table sign-ups for this dance on the night of February 21, may be made any day in the Main Lobby from 12:00 to 2:00 o'clock.



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